

CLAIMS

What is claimed is:

1. A spinal disc prosthesis comprising:
an outer case adapted for attachment to spinal structure of a body;
a cartridge removably mounted in said outer case; and
a shock absorbing core within the cartridge.
2. The spinal disc prosthesis according to claim 1, wherein said cartridge is releasably locked to said outer case.
3. The spinal disc prosthesis according to claim 1, wherein an outer surface of said outer case is coated with a bone-growth-encouraging material.
4. The spinal disc prosthesis according to claim 1, wherein an outer surface of said outer case comprises at least one anchoring element.
5. The spinal disc prosthesis according to claim 1, wherein said shock absorbing core comprises an elastomer material.
6. The spinal disc prosthesis according to claim 1, wherein said shock absorbing core comprises a fluid shock-absorbing material.
7. The spinal disc prosthesis according to claim 1, wherein said shock absorbing core comprises materials with different resilient properties.
8. The spinal disc prosthesis according to claim 1, wherein said shock absorbing core is at least partially surrounded by an elastomeric ring.
9. The spinal disc prosthesis according to claim 1, wherein said outer case comprises an upper plate and a lower plate attachable to spinal structure of a body.